As a result of the TRI Reporting Forms Modification Rule, beginning in reporting year 2005, the Toxics Release Inventory Program is no longer collecting latitude and longitude data or EPA program ID data (Including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs AND Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the Facility Registry System (FRS). Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the "Pick Best" Process. Primary permitting systems supply FRS with the program IDs that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

Reference Point/Description	Latitude	Longitude	Collection Method	Accuracy Value
N/A	42.71036	-71.43898	GPS - UNSPECIFIED	N/A

NHD001038348 NPDES PERMIT NUMBER NHR053013 UIC ID NUMBER NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to How to Revise TRI Data.

For more information, see Collection of Latitude, Longitude and Program ID Data Has Been Discontinued.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

<u>DOCUMENT CONTROL NUMBER</u>: 1313211233844 <u>Pacility Registry System ID: 110004087595</u>

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>	
NO DATA	NO DATA	

Mailing Information

<u>NAME</u>	STREET	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE	
JEFFREY GAGNON	6038885443	

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233844

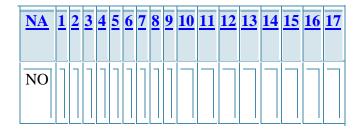
Section 1. Toxic Chemical Identity

1.1 CAS Number: N010

1.2 Toxic Chemical or Chemical Category Name: ANTIMONY COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

Т			
NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
	1		
YES			
5.4.2 <u>U</u>	Inderground Injection Onsite to C	Class II-V Wells.	
NTA	TOTAL DELEASE (LINUTE OF MEACHINE	DACIC OF ECOIMA DE
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
VEC			
YES			
	sposal to Land Onsite		
5.5.1A	RCRA Subtitle C Landfills		
	RCRA Subtitle C Landfills TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
i		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
NA YES		UNIT OF MEASURE	BASIS OF ESTIMATE
NA YES 5.5.1B	TOTAL RELEASE (per year) Other Landfills		
NA YES	TOTAL RELEASE (per year)		
<u>NA</u> YES	TOTAL RELEASE (per year) Other Landfills		
NA YES 5.5.1B	TOTAL RELEASE (per year) Other Landfills		

5.5.2 <u>Land Treatment/Application Farming</u>

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:

CITY:	STATE:				
COUNTY:	ZIP CODE:				
TOTAL TR	ANSFERS (p	<u>er year)</u>	UNIT OF	'MEASURE	BASIS OF ESTIMATE
1	NO DATA				NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: NYD049253719	Parent Company Controlled: YES
Name: ASHLAND CHEMICAL CO	Address: 3 BROAD STREET
City: BINGHAMTON	State: NY
County: BROOME	Zip Code: 13904
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	582	Pounds	O - Other Approaches	M99 - Unknown

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

WASTE TREATMENT METHOD(S) SEQUENCE
NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVE	RY PROCESSES
NA	

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PR	<u>OCESSES</u>
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	1	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	63	49	60	50

8.2	Quantity Used for Energy Recovery Onsite	NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	NA	NA	NA	NA
8.4	Quantity Recycled Onsite	NA	NA	NA	NA
8.5	Quantity Recycled Offsite	NA	NA	NA	NA
8.6	Quantity Treated Onsite	NA	NA	NA	NA
8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: 533 Pounds

8.9 Production Ratio: .79

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	<u>METHOD</u> <u>1</u>	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

П

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

Antimony is a formulation component of several of the adhesives and/or specialty coatings that were not selling and couldn't be worked into existing products. It is mixed with highly flammable solvent based adhesives/coatings that were sent for energy recovery.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233857

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>

NO DATA	NO DATA
l	

Mailing Information

NAME	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION

325520	YES	Adhesive Manufacturing	
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4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233857

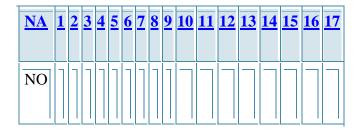
Section 1. Toxic Chemical Identity

1.1 CAS Number: N120

1.2 Toxic Chemical or Chemical Category Name: DIISOCYANATES

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: YES	Formulation Component: NO	Article Component: NO	Repackaging: NO	Impurity: NO
---------------	---------------------------	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO
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Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	2	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
-----------	------------------------	--------------------------	--------------------	----------------------	-------------------

YES NA			
5.4-5.5 Disposal to Land Onsite		,	
5.4.1 <u>Underground Injection Onsite to</u>	Class I Wells.		
NA TOTAL RELEASE (per year	UNIT OF MEASURE	BASIS OF ESTIMATE	
YES			
5.4.2 <u>Underground Injection Onsite to</u>	Class II-V Wells.		
			1
NA TOTAL RELEASE (per year	UNIT OF MEASURE	BASIS OF ESTIMATE	
YES			
5.5 Disposal to Land Onsite			
5.5.1A RCRA Subtitle C Landfills			

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

YES			
5.5.2 <u>L</u>	and Treatment/Application Farm	ing	
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.3A	RCRA Subtitle C Surface Impou	andments	
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.3B	Other Surface Impoundments		,
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.4 <u>C</u>	Other Disposal		
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: MAD001035971	Parent Company Controlled: NO
Name: ROCHE BROTHERS BARREL CO	Address: 161 PHOENIX AVENUE
City: LOWELL	State: MA
County: MIDDLESEX	Zip Code: 01852
Country Code (Non - US):	Province:

Name: KEARNY STEEL CONTAINER CORP Address: 401 SOUTH STREET

Country Code (Non - U	<u>S):</u> P	rovince:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	975	Pounds	O - Other Approaches	M99 - Unknown
2 RCRA Number: NJD	981142797	Parent Compar	ny Controlled: NO	

City: NEWARK		State: NJ		
County: ESSEX		Zip Code: 0710)5	
Country Code (Non - U	<u>JS)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE TRANSFERS (per year)		UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	650	Pounds	O - Other Approaches	M99 - Unknown

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE	ENERGY	RECOVE	RY PROC	ESSES
NA				

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING	PROCESSES
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	6	2	2	2
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	1809	1625	1600	1550
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA

8.6	Quantity Treated Onsite	NA	NA	NA	NA
8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .85

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	<u>METHOD</u> <u>1</u>	<u>METHOD</u> <u>2</u>	<u>METHOD</u> <u>3</u>	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233869

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	<u>STREET</u>	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233869

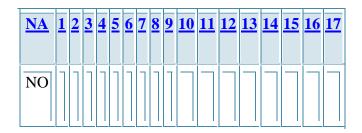
Section 1. Toxic Chemical Identity

1.1 CAS Number: 000068122

1.2 Toxic Chemical or Chemical Category Name: N,N-DIMETHYLFORMAMIDE

1 2		C1 1	NT	TATA
1.3	Generic	Chemical	i Name:	NΑ

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Formulation Component: YES Article Component: NO Repackaging: NO Impurity:	Reactant: NO		Article Component: NO	Repackaging: NO	Impurity: NO
--	--------------	--	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: YES
-----------------------------	-----------------------	-----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	64	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	55	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 <u>Underground Injection Onsite to Class II-V Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NT A	TOTAL DELEASE (non woom)	LINITE OF MEACHIDE	DACIC OF ECTIMATE
INA	TOTAL RELEASE (per year)	UNIT OF MEASURE	DASIS OF ESTIMATE

YES					
5.5.3B	Other Surface Impou	<u>indments</u>		,	
<u>NA</u>	TOTAL RELEASE	E (per year)	UNIT OF MEASU	RE BASIS OF ES	TIMA
YES					
5.5.4 <u>(</u>	Other Disposal			,	
<u>NA</u>	TOTAL RELEASE	E (per year)	UNIT OF MEASU	RE BASIS OF ES	TIM
YES					
Section	n 6. Transfers of the	Toxic Cher	nical in Wastes to C	Off-Site Locations	
6.1 <u>Dis</u>	scharges to Publicly (Owned Treat	ment Works (POTW	<u>s)</u>	
		1			
1 - <u>N</u>	AME: ADDRESS:				
1 - <u>N</u>					
CITY					
COU	<u>Y</u> : <u>STATE</u> :	er year) UN	IT OF MEASURE	BASIS OF ESTIN	MATI

1 RCRA Number: MA		Parent Company C	ontrolled: NO	
Name: ROCHE BROT	HERS BARREL CO	Address: 161 PHO	ENIX AVENUE	
City: LOWELL		State: MA		
County: MIDDLESEX		Zip Code: 01852		
Country Code (Non - U	<u>JS)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	91.9	Pounds	O - Other Approaches	M99 - Unknown
2 RCRA Number: NJD	981142797	Parent Company	ny Controlled: NO	
Name: KEARNY STE	EL CONTAINER COR	Address: 401 S	OUTH STREET	
City: NEWARK		State: NJ		
County: ESSEX		Zip Code: 0710)5	
Country Code (Non - U	<u>US)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	61	Pounds	O - Other Approaches	M99 - Unknown
3 RCRA Number: NYI	3 RCRA Number: NYD049253719 Parent Company Controlled: YES			
Name: ASHLAND CH	ASHLAND CHEMICAL CO Address: 3 BROAD STREET			
City: BINGHAMTON	State: 1	NY		

County: BROOME		Zip C	Code: 13904		
Country Code (Non -	US):	Provi	nce:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS year)	(per	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	1	1202	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

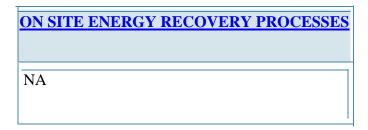
Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes



Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PR	<u>OCESSES</u>
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	155	119	115	110
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	573	152.9	0	0
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	181	2617	2500	2400
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA

8.6	Quantity Treated Onsite	NA	NA	NA	NA
8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: 8585 Pounds

8.9 Production Ratio: .91

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
W49 - OTHER RAW MATERIAL MODIFICATIONS	T10 - VENDOR ASSISTANCE			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

|T10:Reuse totes for N,N-Dimethylformamide of incoming raw material to eliminate residual waste from container packaging and product issues associated with drum liners dissolving. (Only purchase in totes as of 8/12/13)

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

Several adhesives and/or specialty coatings we not selling and unable to rework elsewhere. Therefore they were sent out for energy recovery. TOTRL: We have been purchasing DMF in totes due to the drum lining dissolving and causing problems with production. These totes get reused and thus no waste being sent out to the drum reconditioners. TPRL: The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 5% DMF, up from the prior 0% DMF, which accounted for 2616.5 lbs. Also 8585 lbs of DMF from dump slips were sent out in 2013.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233871

Facility Registry System ID: 110004087595

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	<u>CITY</u>	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE

WORTHEN	INDUSTRIES INC UPACO D	3 E SPITBROOK	RD NASHUA	NH	03060-5783
PROVINCE	COUNTRY (NON - US)	I	1	1	
NO DATA	NO DATA				

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233871

Section 1. Toxic Chemical Identity

1.1 CAS Number: 000071363

1.2 Toxic Chemical or Chemical Category Name: N-BUTYL ALCOHOL

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	1	<u>2</u>	3	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	8	9	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO
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3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO		
. 1 . 0	Ancillary or Other Use: NO	

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	5	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 <u>Underground Injection Onsite to Class I Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

	<u> </u>	<u> </u>	
YES			
4 2 I	Jnderground Injection Onsite to C	lace II_V Welle	'
- 	onderground injection onsite to e	ZIASS II- V WCIIS.	
NA NA	TOTAL RELEASE (per year)	LINIT OF MEASURE	BASIS OF ESTIMATE
IVA	TOTAL RELEASE (per year)	UNIT OF MEASURE	DASIS OF ESTIMATE
YES			
.5 Dis	sposal to Land Onsite		
.5.1A	RCRA Subtitle C Landfills		
NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
.5.1B	Other Landfills		
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
.5.2 <u>L</u>	and Treatment/Application Farm	ing	
NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: MA		Parent Company C	ontrolled: NO	
Name: ROCHE BROT	HERS BARREL CO	Address: 161 PHO	ENIX AVENUE	
City: LOWELL		State: MA		
County: MIDDLESEX		Zip Code: 01852		
Country Code (Non - U	<u>JS)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	1 Pounds O - Other Approaches		0 0 11111	M99 - Unknown
2 RCRA Number: NJD	981142797	Parent Company Controlled: NO		
Name: KEARNY STE	EL CONTAINER COF	Address: 401 S	OUTH STREET	
City: NEWARK		State: NJ		
County: ESSEX		Zip Code: 0710)5	
Country Code (Non - U	<u>US)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	49	Pounds	O - Other Approaches	M99 - Unknown

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS year)	(per	UNIT OF MEASURE	BASIS O ESTIMA		WASTE MAN	
Country Code (Non - US):			nce:				
County: BROOME			Zip Code: 13904				
City: BINGHAMTON			State: NY				
Name: ASHLAND CHEMICAL CO			ess: 3 BROAD S				
3 RCRA Number: NY	YD049253719	Paren	ıt Company Conti	rolled: YES			

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	50	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PROCES	<u>SES</u>
NA	

Section 7C. On-Site Recycling Processes

CYCLING	PROCESSE	
		_
	CYCLING	CYCLING PROCESSE

Section 8. Source Reduction and Recycling Activities

			DDIOD	CURRENT	FOLLOWING	SECOND
SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	REPORTING YEAR	YEAR	FOLLOWING YEAR
	Total on-site disposal to Class I Underground					
8.1a	Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
	Total other on-site					
8.1b	disposal or other releases	Pounds	24	6	5	5
	Total off-site disposal					
8.1c	to Class I Underground Injection Wells, RCRA		NA	NA NA	NA	NA
6.1 C	Subtitle C landfills, and other landfills		NA	NA	INA	NA
	Total other off-site					
8.1d	disposal or other releases	Pounds	108	123	125	130
	Quantity Used for					
8.2	Energy Recovery Onsite		NA	NA	NA	NA
	Quantity Used for					
8.3	Energy Recovery Offsite	Pounds	62	50	60	55
8.4	Quantity Recycled Onsite		NA	NA	NA	NA

8.5	Quantity Recycled Offsite	NA	NA	NA	NA
8.6	Quantity Treated Onsite	NA	NA	NA	NA
8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.24

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	<u>METHOD</u> <u>3</u>	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233883

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	<u>STREET</u>	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233883

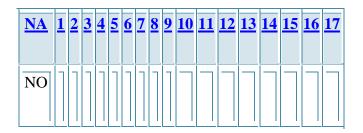
Section 1. Toxic Chemical Identity

1.1 CAS Number: 000110543

1.2 Toxic Chemical or Chemical Category Name: N-HEXANE

1.3	Generic	Chemical	Name:	NA
1.0	OCHUIC	Chemical	I tallic.	T 47 7

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO
--------------	----------------------------	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: YES
-----------------------------	-----------------------	-----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	70	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	511	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 <u>Underground Injection Onsite to Class II-V Wells.</u>

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NT A	TOTAL DELEASE (non woom)	LINITE OF MEACHIDE	DACIC OF ECTIMATE
INA	TOTAL RELEASE (per year)	UNIT OF MEASURE	DASIS OF ESTIMATE

YES					
5.5.3B	Other Surface Impou	<u>indments</u>		,	
<u>NA</u>	TOTAL RELEASE	E (per year)	UNIT OF MEASU	RE BASIS OF ES	TIMA
YES					
5.5.4 <u>(</u>	Other Disposal			,	
<u>NA</u>	TOTAL RELEASE	E (per year)	UNIT OF MEASU	RE BASIS OF ES	TIM
YES					
Section	n 6. Transfers of the	Toxic Cher	nical in Wastes to C	Off-Site Locations	
6.1 <u>Dis</u>	scharges to Publicly (Owned Treat	ment Works (POTW	<u>s)</u>	
		1			
1 - <u>N</u>	AME: ADDRESS:				
1 - <u>N</u>					
CITY					
COU	<u>Y</u> : <u>STATE</u> :	er year) UN	IT OF MEASURE	BASIS OF ESTIN	MATI

1 RCRA Number: MAD001035971			Parent Company Controlled: NO					
Name: ROCHE BROTHERS BARREL CO			Address: 161 P	HOEN	VIX AV	/ENUE	,	
City: LOWELL			State: MA				1	
County: MIDDLESEX	ζ.		Zip Code: 0185	52				
Country Code (Non -	<u>US)</u> :		Province:					
OFFSITE AMOUNT SEQUENCE TRANSFERS (per year)		RS (per	UNIT OF MEASURI				WASTE MANAGEMENT TYPE	
1		5	Pounds	11 -	O - Other Approaches			M99 - Unknown
2 RCRA Number: NY	D049253719	Parent	Company Cont	rolled:	: YES			·
Name: ASHLAND CH	HEMICAL CO	Addres	s: 3 BROAD S'	TREE	ET			
City: BINGHAMTON		State: N	NY					
County: BROOME		Zip Co	ode: 13904					
Country Code (Non -	<u>US)</u> :	Province	<u>ce</u> :					
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS year)	(per	UNIT OF MEASURE		BASIS OF ESTIMATE		WA	ASTE MANAGEMENT TYPE
1	3140		Pounds			-	2 - Transfer to Waste ker-Energy Recovery	

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

-		T.
	74 1h	WASTE TREATMENT METHOD(S) SEQUENCE
	/A.IU.	WASTE TREATMENT METHOD(S) SECRETARIES

1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE	ENERGY RECOVERY PROCESSES
NA	

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES
NA

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	493	581	590	600
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA		NA	NA	NA	NA

	Subtitle C landfills, and other landfills					
8.1d	Total other off-site disposal or other releases	Pounds	8	5	6	8
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	833	3140	2800	2500
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .76

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	<u>METHOD</u> <u>3</u>	ESTIMATED ANNUAL REDUCTION

NA		

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

TPRL:The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 6% Hexane, up from the prior 0% Hexane which accounted for 3140 lbs.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233895

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE

JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233895

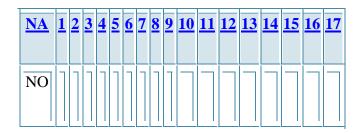
Section 1. Toxic Chemical Identity

1.1 CAS Number: 000872504

1.2 Toxic Chemical or Chemical Category Name: N-METHYL-2-PYRROLIDONE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: YE	Article Component: NO	Repackaging: NO	Impurity: NO
--	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO		Ancillary or Other Use: YES
-----------------------------	--	-----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	1	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	8	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 <u>Underground Injection Onsite to Class II-V Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: MAD001035971	Parent Company Controlled: NO
Name: ROCHE BROTHERS BARREL CO	Address: 161 PHOENIX AVENUE
City: LOWELL	State: MA
County: MIDDLESEX	Zip Code: 01852
Country Code (Non - US):	Province:
	_

<u>C</u>	DFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE

1		76	Pounds	O - C Appr	Other oaches	M99 - Unknown
2 RCRA Number: NJI	Parent Com	pany Con	trolled: N	O		
Name: KEARNY STE	EL CONTAIN	ER COR	P Address: 40)1 SOUTH	H STREE	
<u>City</u> : NEWARK			State: NJ			
County: ESSEX			Zip Code: ()7105		
Country Code (Non - U	<u>JS)</u> :		Province:			
OFFSITE AMOUNT SEQUENCE TRANSFERS (per year)			UNIT OF MEASURI			WASTE MANAGEMENT TYPE
1	1 51		Pounds	ds O - Other Approaches		M99 - Unknown
3 RCRA Number: NYD049253719 Parent Co			Company Cont	rolled: YE	ES	
Name: ASHLAND CH	IEMICAL CO	Address	s: 3 BROAD S'	TREET		
City: BINGHAMTON		State: N	Υ			
County: BROOME		Zip Cod	<u>le</u> : 13904			
Country Code (Non - U	<u>JS)</u> :	Provinc	<u>e</u> :	i		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS year)	(per	UNIT OF MEASURE			WASTE MANAGEMENT TYPE
1	1 8873		Pounds			M92 - Transfer to Waste Broker-Energy Recovery
2 650		Pounds	O - Othe Approac		M93 - Transfer to Waste Broker-Recycling	

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PRO	<u>CESSES</u>
NA	

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCES	SES
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	39	9	8	7

8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	154	127	120	110
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	8936	8873	8025	7400
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	5064	650	975	1100
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .5

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
W71 - OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 - PARTICIPATIVE TEAM MANAGEMENT			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

Meet monthly on ways to reduce and modify cleaning methods to extend the life of the NMP kettle wash.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233907

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

<u>NAME</u>	PHONE

JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233907

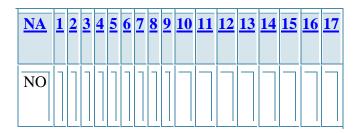
Section 1. Toxic Chemical Identity

1.1 CAS Number: 000108883

1.2 Toxic Chemical or Chemical Category Name: TOLUENE

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: YE	Article Component: NO	Repackaging: NO	Impurity: NO
--	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO		Ancillary or Other Use: YES
-----------------------------	--	-----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 100000 to 999999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	102	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	2170	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 <u>Underground Injection Onsite to Class II-V Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: NJD	981142797	Parent Compar	ny Controlled: NO	
Name: KEARNY STEI	EL CONTAINER CORP	Address: 401 S	OUTH STREET	
City: NEWARK		State: NJ		
County: ESSEX		Zip Code: 07105		
Country Code (Non - U	<u>US)</u> :	Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE

1	1.6		Pounds	O - Othe Approac		M99 - Unknown	
2 RCRA Number: NY	Parent	Company Cont	rolled: YES				
Name: ASHLAND CI	HEMICAL CO	Addres	s: 3 BROAD S	ГREET			
City: BINGHAMTON Sta			ΙΥ				
County: BROOME		Zip Coo	Zip Code: 13904				
Country Code (Non -	<u>US)</u> :	Provinc	<u>:e</u> :				
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS year)	(per	UNIT OF MEASURE	BASIS C ESTIMA		ASTE MANAGEMENT TYPE	
1	1 10076		Pounds	O - Other Approaches		92 - Transfer to Waste oker-Energy Recovery	

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PR	ROCESSES
NA	

Section 7C. On-Site Recycling Processes

ON SITE	RECYCLIN	G PROCESSES
NA		

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA NA	NA	NA NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	4326	2272	2200	2100
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	2	1.6	2	2
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	17564	10076	10000	9000

8.4	Quantity Recycled Onsite	NA	NA	NA	NA
8.5	Quantity Recycled Offsite	NA	NA	NA	NA
8.6	Quantity Treated Onsite	NA	NA	NA	NA
8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: .89

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
W71 - OTHER CLEANING AND DEGREASING MODIFICATIONS	T04 - PARTICIPATIVE TEAM MANAGEMENT			

8.11 Additional Data Indicator: YES

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

Having monthly waste reduction meetings to reduce or possibly eliminate waste.

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

|TPRL:The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 10% Toluene, down from the prior 14% Toluene. |TOTRL:throughput report 2013 divided by throughput 2012 is equal to 2,955,950 / 3,304,288 = 0.89 reduction in usage plus condenser was put on P-35 and used on Ross.|TARL:throughput report 2013 divided by throughput 2012 is equal to 2,955,950 / 3,304,288 = 0.89 reduction in usage plus condenser was put on P-35 and used on Ross.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1313211233919

Facility Registry System ID: 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	STREET	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>		
NO DATA	NO DATA		

Mailing Information

<u>NAME</u>	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE		
JEFFREY GAGNON	6038885443		

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233919

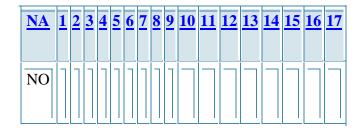
Section 1. Toxic Chemical Identity

1.1 CAS Number: 026471625

1.2 Toxic Chemical or Chemical Category Name: TOLUENE DIISOCYANATE (MIXED ISOMERS)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: YES	Formulation Component: NO	Article Component: NO	Repackaging: NO	Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	1	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 Underground Injection Onsite to Class I Wells.

Т			
NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
	1		
YES			
5.4.2 <u>U</u>	Inderground Injection Onsite to C	Class II-V Wells.	
NTA	TOTAL DELEASE (LINUTE OF MEACHINE	DACIC OF ECOIMA DE
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
VEC			
YES			
	sposal to Land Onsite		
5.5.1A	RCRA Subtitle C Landfills		
	RCRA Subtitle C Landfills TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
i		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
<u>NA</u>		UNIT OF MEASURE	BASIS OF ESTIMATE
NA YES		UNIT OF MEASURE	BASIS OF ESTIMATE
NA YES 5.5.1B	TOTAL RELEASE (per year) Other Landfills		
NA YES	TOTAL RELEASE (per year)		
<u>NA</u> YES	TOTAL RELEASE (per year) Other Landfills		
NA YES 5.5.1B	TOTAL RELEASE (per year) Other Landfills		

5.5.2 <u>Land Treatment/Application Farming</u>

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:

CITY:	STATE:				
COUNTY:	ZIP CODE:				
TOTAL TR	ANSFERS (p	er year)	UNIT OF	MEASURE	BASIS OF ESTIMATE
]	NO DATA				NO DATA

6.2 Transfers to other Off-Site Locations

OFFSITE	TOTAL	LINIT OF	RASIS OF
Country Code (Non - US):		Province:	
County: MIDDLESEX		Zip Code: 01852	
City: LOWELL		State: MA	
Name: ROCHE BROTHERS BARREL CO		Address: 161 PHG	OENIX AVENUE
1 RCRA Number: MA	RCRA Number: MAD001035971		Controlled: NO

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	224	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

2 <u>RCRA Number</u> : NJD981142797	Parent Company Controlled: NO
Name: KEARNY STEEL CONTAINER CORP	Address: 401 SOUTH STREET
City: NEWARK	State: NJ
County: ESSEX	Zip Code: 07105
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	150	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY REC	OVERY PROCESSES
NA	

Section 7C. On-Site Recycling Processes

ON	SITE	RECY	CLING	PROCI	ESSES
NA	A				

Section 8. Source Reduction and Recycling Activities

SECTION TYPE OF QUANTITY U	NITS PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
----------------------------	-----------------	------------------------------	----------------	-----------------------------

8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	6	1	1	1
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	410	374	370	360
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	-	NA	NA NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA

8.7	Quantity Treated Offsite		NA	NA	NA	NA
1		'	'	İ İ	İ İ	i '

8.8 One-Time Event Release: NA

8.9 Production Ratio: .94

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	<u>METHOD</u> <u>1</u>	<u>METHOD</u> <u>2</u>	<u>METHOD</u> <u>3</u>	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

<u>DOCUMENT CONTROL NUMBER</u>: 1313211233921 <u>Facility Registry System ID:</u> 110004087595

Section 1. Reporting Year

Reporting Year: 2013

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
-------------------------------	-----------------------------	---------------------------------	----------------

PAMELA DOYON	QUALITY/ENVIRONMENTAL ENGINEER	Electronic	20-JUN-14

Section 4. Facility Identification

TRI Facility ID: 03060PCDHS3EAST

4.1 Facility Name and Address.

Facility Information

NAME	<u>STREET</u>	CITY	COUNTY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	HILLSBOROUGH	NH	030605783

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	CITY	STATE	ZIP CODE
WORTHEN INDUSTRIES INC UPACO DIV	3 E SPITBROOK RD	NASHUA	NH	03060-5783

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY

Т				
	YES	NO	NO	NO
	1 Lb	1,10	1,10	110
	1	1		

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	PHONE
JEFFREY GAGNON	6038885443

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
325520	YES	Adhesive Manufacturing

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: WORTHEN INDUSTRIES INC

Parent Company DUNS Number: 001056795

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1313211233921

Section 1. Toxic Chemical Identity

1.1 CAS Number: 001330207

1.2 Toxic Chemical or Chemical Category Name: XYLENE (MIXED ISOMERS)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	1	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO]								

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

]	Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

|--|

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
1121	TOTTE REPERIOR (per year)	CIVIT OF WEATHER	DIGIS OF ESTIMATE

NO	1	Pounds	E2 - Emission Factor, Site-specific

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	16	Pounds	E2 - Emission Factor, Site-specific

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

5.4-5.5 Disposal to Land Onsite

5.4.1 <u>Underground Injection Onsite to Class I Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 <u>Underground Injection Onsite to Class II-V Wells.</u>

77.4	TOTAL DELEGE		DA GYG OF FGTY (A TE
NA NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

T	1	<u> </u>	
YES			
5.5 Dis	sposal to Land Onsite		
5.5.1A	RCRA Subtitle C Landfills		
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.1B	Other Landfills	·	`
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.2 <u>L</u>	Land Treatment/Application Farm	ing	
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			
5.5.3A	RCRA Subtitle C Surface Impou	<u>indments</u>	
<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

1 RCRA Number: MAD001035971		<u>Pa</u>	Parent Company Controlled: NO		
Name: ROCHE BROTHERS BARREL CO			ddress: 161 PHO	ENIX AVENUE	
City: LOWELL		St	ate: MA		
County: MIDDLESEX		<u>Zi</u>	p Code: 01852		
Country Code (Non - U	<u>JS)</u> :	<u>Pr</u>	ovince:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (year)	(per	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1		96	Pounds	O - Other Approaches	M99 - Unknown
2 RCRA Number: NJD981142797			Parent Company Controlled: NO		
Name: KEARNY STEEL CONTAINER CO City: NEWARK County: ESSEX Country Code (Non - US):		CORP	Address: 401 SOUTH STREET State: NJ Zip Code: 07105 Province:		
OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (year)	(per	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1		64	Pounds	O - Other Approaches	M99 - Unknown
3 RCRA Number: NYI		rent Co	ompany Controll	ed: YES	
Name: ASHLAND CHEMICAL CO Addre		ddress:	3 BROAD STRI	EET	
City: BINGHAMTON	St	ate: NY	7		
County: BROOME	Zi	p Code	: 13904		
Country Code (Non - US): Proving					

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	1570	Pounds	O - Other Approaches	M92 - Transfer to Waste Broker-Energy Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY	PROCESSES
NA	

Section 7C. On-Site Recycling Processes

ON S	ITE R	ECYC	LING F	ROCE	SSES
NA					

Section 8. Source Reduction and Recycling Activities

SECTION TYPE OF QUANTITY U	NITS PRIOR YEAR	CURRENT REPORTING YEAR	FOLLOWING YEAR	SECOND FOLLOWING YEAR
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8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	33	17	17	17
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	Pounds	203	160	160	160
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite	Pounds	384	1570	380	380
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA

8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	<u>METHOD</u> <u>1</u>	<u>METHOD</u> <u>2</u>	<u>METHOD</u> <u>3</u>	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

Additional Optional Information on Source Reduction, Recycling, or Pollution Control Activities

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9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

TPRL:The profile 109-2621 for the Mek wash that is sent out as waste was updated in 2013 to contain 3% Xylene, up from the prior 0% Xylene which accounted for 1570 lbs.

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